

Title (en)

PROGRAMMABLE CONTROLLER AND PROGRAM DEVELOPMENT SUPPORT DEVICE

Title (de)

PROGRAMMIERBARES STEUERGERÄT UND PROGRAMMENTWICKLUNGSUNTERSTÜTZUNGSVORRICHTUNG

Title (fr)

AUTOMATE PROGRAMMABLE ET DISPOSITIF D'AIDE AU DÉVELOPPEMENT DE PROGRAMMES

Publication

EP 3139224 A4 20180221 (EN)

Application

EP 15785847 A 20150123

Priority

- JP 2014093420 A 20140430
- JP 2015051796 W 20150123

Abstract (en)

[origin: US2017031340A1] An object of the invention is to provide a programmable controller and a program development support device capable of changing functions easily. Input sections and logical sections that can be selected as output sources of signals to be operated in each of logical sections are determined in advance. The logical sections that can be selected as output sources of signals to be output from output sections are also determined in advance. Contents that can be set as contents of a logical operation in each of the logical sections are also determined in advance. The number of logical sections is also determined in advance. An operator determines the output sources and the contents of logical operations from determined ranges to complete a program for operating a PLC (10).

IPC 8 full level

G05B 19/05 (2006.01); **G05B 9/02** (2006.01)

CPC (source: CN EP US)

G05B 9/02 (2013.01 - EP US); **G05B 19/05** (2013.01 - CN); **G05B 19/056** (2013.01 - US); **G05B 2219/34291** (2013.01 - US)

Citation (search report)

- [X] US 2010083235 A1 20100401 - HOZOJI HARUMI [JP], et al
- [I] US 2003105891 A1 20030605 - MORIYAMA TAKAO [JP]
- See also references of WO 2015166676A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

US 2017031340 A1 20170202; CN 105022332 A 20151104; EP 3139224 A1 20170308; EP 3139224 A4 20180221; JP 2015210753 A 20151124; JP 6393513 B2 20180919; WO 2015166676 A1 20151105

DOCDB simple family (application)

US 201515303838 A 20150123; CN 201510035840 A 20150123; EP 15785847 A 20150123; JP 2014093420 A 20140430; JP 2015051796 W 20150123